



Gulf of Mexico Harmful Algal Bloom Bulletin

19 June 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: June 12, 2006

Conditions Report

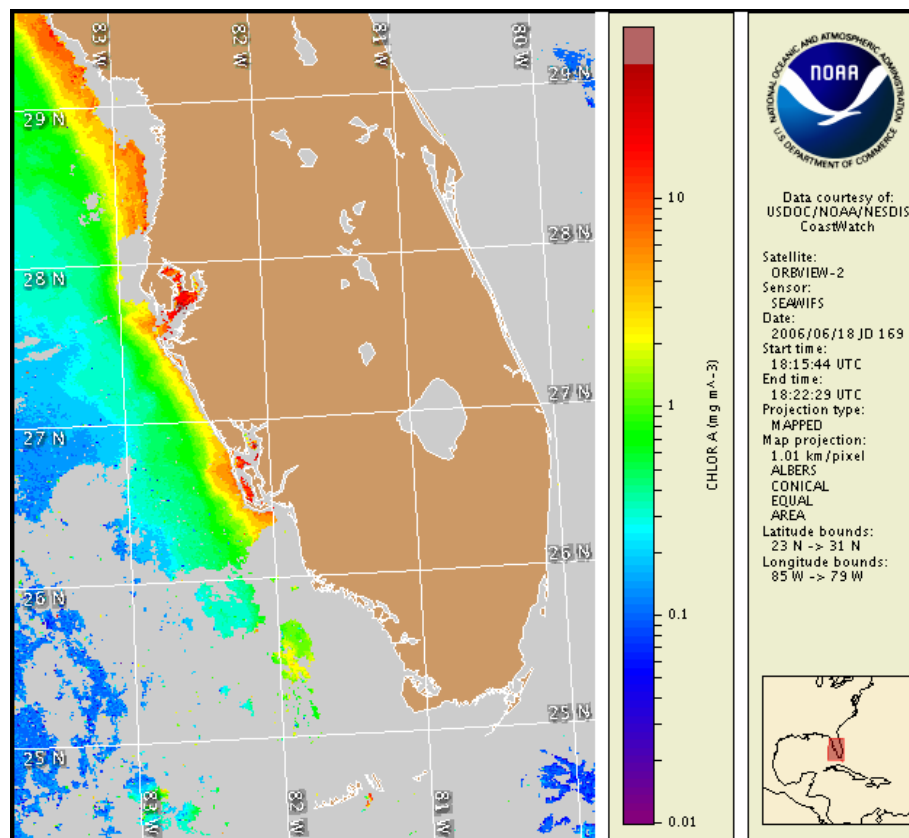
No impacts are expected in any Florida counties this week. Due to current harmful algal bloom inactivity, bulletins are issued each Monday, until conditions warrant continuance of twice weekly bulletins.

Analysis

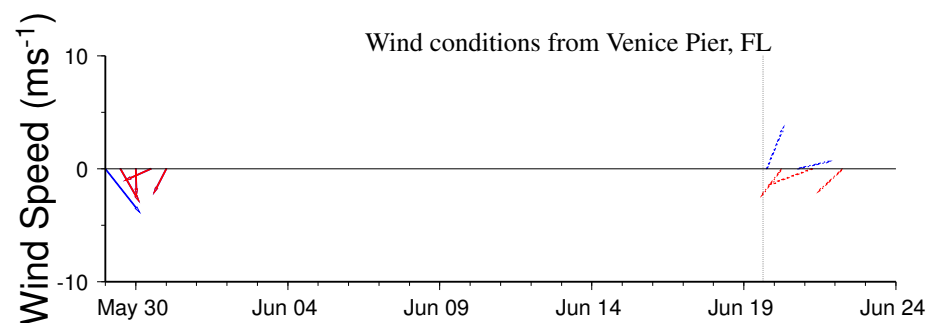
There is currently no indication of a harmful algal bloom in southwest Florida. *Karenia brevis* was not present in any onshore samples last week from Pinellas to Collier County, or in offshore samples in Monroe County, north of Key West. Patches of elevated chlorophyll along the coast are attributed to resuspension following Tropical Storm Alberto, and populations of nonharmful algae. The previously reported patch of elevated chlorophyll, now just south of Marco Island, was confirmed nonharmful along the coast. There is no indication that the offshore component is harmful, but samples are not available to confirm this.

Conditions are upwelling-favorable through Friday, but harmful bloom development is not expected.

- Stolz-Allen, Fisher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

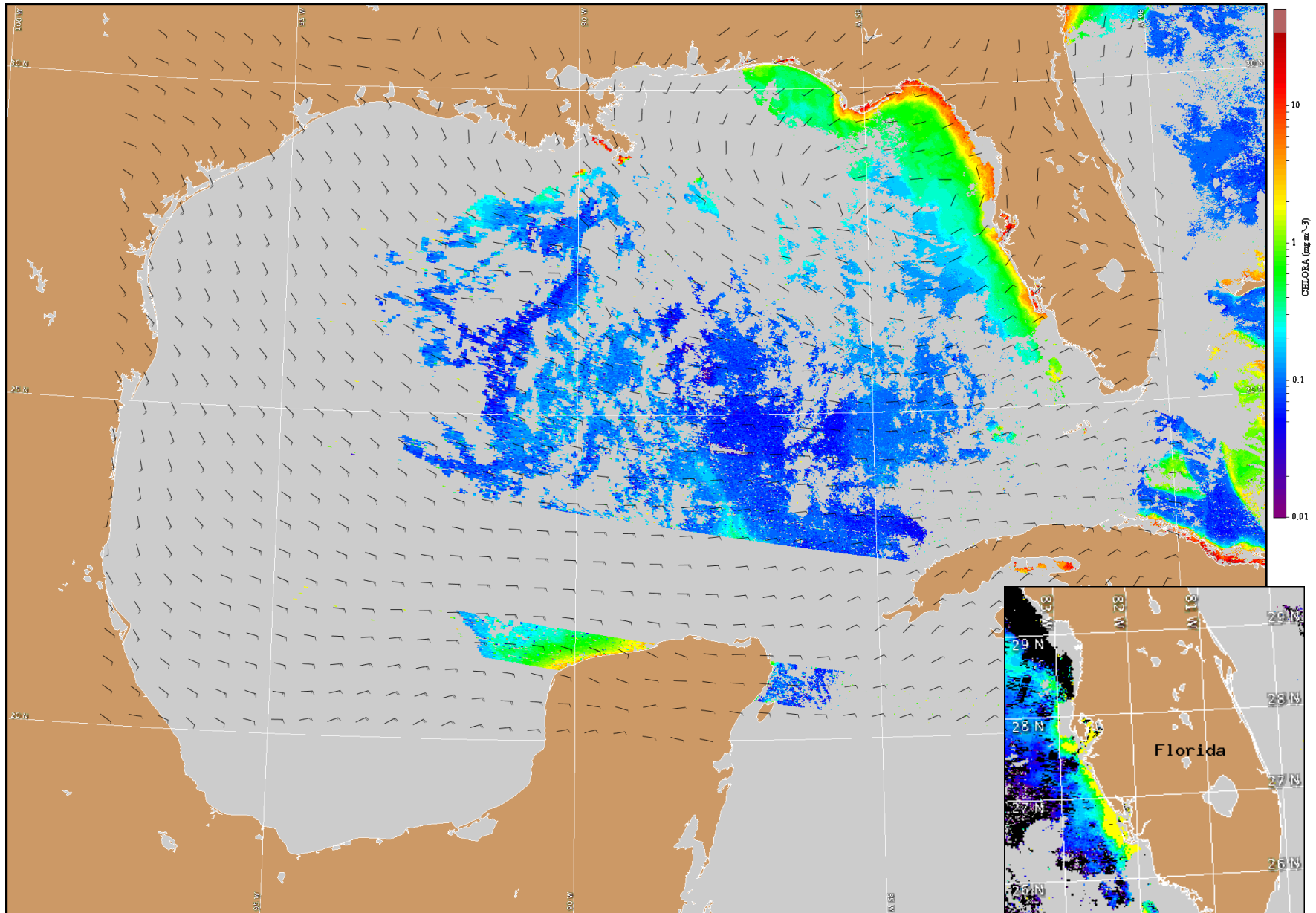


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

South winds today at 5-10 knots (3-5 m/s) becoming westerly this afternoon and easterly by tonight. Light and variable winds Tuesday with a 5-10 knot (3-5 m/s) afternoon sea breeze. Northeastery winds Tuesday night at 10 knots (5 m/s). Easterly winds Wednesday through Friday, becoming onshore along the coast each afternoon.

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Satellite chlorophyll image and forecast winds for June 20, 2006 06Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).